

## CLAIMS

- 1           1.     A hoist for transfer of cargo containers to and from vehicles
- 2           comprising in combination with a cargo container and a truck having a bed for
- 3           supporting said containers to travel thereon, the hoist having:
- 4                 a loadspreader having vertical engaging hooking means for securing said
- 5           cargo container thereto;
- 6                 means for supporting said loadspreader for said truck to drive said
- 7           container parallel under said loadspreader;
- 8                 a plurality of links of equal pivot length, connecting said loadspreader to
- 9           said support means to form a parallelogram linkage to swing said loadspreader
- 10          substantially horizontally up and down;
- 11                 cable and winch means for latching said loadspreader up and for releasing
- 12          said loadspreader when the weight is lifted off of said winch;
- 13                 biasing means to reel up slack cable to hold the load lifted after being
- 14          lifted;
- 15                 a tab on the front of said bed to engage the forward end of said container
- 16          when aligned with said bed to swing up said links to lift said container;
- 17                 vertically engaged hooking means for connecting said container to said
- 18          loadspreader when aligned therewith for swinging said loadspreader up to lift and
- 19          hold said container to clear said truck bed so the truck can leave the container on
- 20          the loadspreader held lifted by said winch; and

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21            means for releasing said hook means when the weight of said container is  
22    relieved therefrom as when the truck is pushing the loadspreader with the  
23    container.

1            2.     A hoist as in claim 1, said loadspreader having depending legs  
2    integral therewith to extend down to pivot to swing the loadspreader on said links  
3    to conserve head room.